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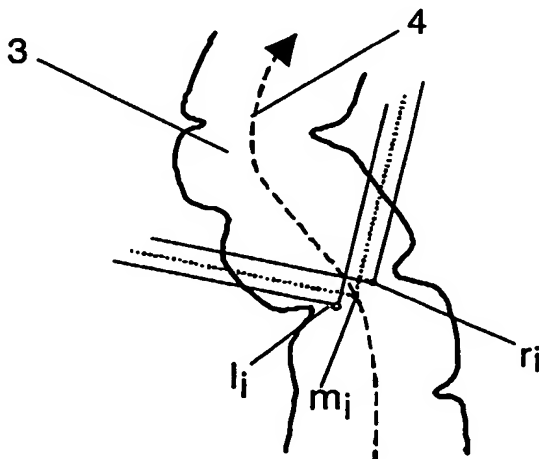
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(54) Title: METHOD, SYSTEM AND COMPUTER PROGRAM FOR STEREOSCOPIC VIEWING OF 3D MEDICAL IMAGES



(57) Abstract: The invention concerns a method of visualising an internal hollow organ (3) of a subject based on a volumetric scan thereof. A number of three-dimensional images of the internal surface of the hollow organ are reconstructed. For each image an image ( $L_i$ ) is calculated for the left eye from a first view point  $l_i$ . Next an image for the right eye ( $R_i$ ) is calculated from a second view point  $r_i$  that differs from the first view point. The left eye image and the right eye image are combined into a pair ( $L_i, R_i$ ) to form a stereoscopic image that is shown using stereoscopic imager means. The invention also refers to a system and a computer program to carry out the method according to the invention.

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